

## Table ENG-4. - Building Site Development

Charlotte County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AbB:							
Abell	85	Not limited		Somewhat limited		Not limited	
				Depth to saturated zone	0.99		
				Cutbanks cave	0.10		
Worsham	5	Not Rated		Not Rated		Not Rated	
Ad:							
Alluvial Land	80	Very limited Flooding	1.00	Not Rated		Not Rated	
AfA:							
Altavista	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	0.60
		Depth to saturated zone	0.19	Flooding	0.60	Depth to saturated zone	0.19
				Cutbanks cave	0.10		
AfB:							
Altavista	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	0.60
		Depth to saturated zone	0.19	Flooding	0.60	Depth to saturated zone	0.19
				Cutbanks cave	0.10		
AfC2:							
Altavista	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.19	Depth to saturated zone	1.00	Depth to saturated zone	0.19
				Cutbanks cave	0.10		
AgB2:							
Appling	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.32	Gravel content	0.32
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
AgD2:							
Appling	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.32	Gravel content	0.32
				Cutbanks cave	0.10		
AqE2:							

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AgE2:							
Appling	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.32	Gravel content	0.32
				Cutbanks cave	0.10		
AIB2:							
Appling	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.32		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
AIC:							
Appling	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.32		
				Cutbanks cave	0.10		
AID2:							
Appling	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.32		
				Cutbanks cave	0.10		
AIE2:							
Appling	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.32		
				Cutbanks cave	0.10		
AmB2:							
Appling	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.32		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
AmD2:							
Appling	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.32		
				Cutbanks cave	0.10		
ApC3:							
Appling	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.32		
				Cutbanks cave	0.10		
ApE3:							

**Table ENG-4. - Building Site Development - Continued**

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ApE3: Appling	85	Very limited Slope Low strength	1.00 1.00	Very limited Slope Too clayey Cutbanks cave	1.00 0.32 0.10	Very limited Slope	1.00
AuA: Augusta	85	Very limited Flooding Low strength Depth to saturated zone	1.00 1.00 0.75	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.60	Somewhat limited Depth to saturated zone Flooding	0.75 0.60
Roanoke	5	Not Rated		Not Rated		Not Rated	
AuB: Augusta	85	Very limited Low strength Depth to saturated zone Flooding	1.00 0.75 0.40	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 1.00 0.13	Somewhat limited Depth to saturated zone	0.75
Bn: Buncombe	85	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding	1.00 0.80	Very limited Flooding Droughty	1.00 0.96
Bt: Buncombe	45	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding	1.00 0.80	Very limited Flooding Droughty	1.00 0.96
Toccoa	40	Very limited Flooding	1.00	Somewhat limited Flooding Depth to saturated zone Cutbanks cave	0.80 0.73 0.10	Very limited Flooding	1.00
Frequently flooded	5	Not Rated		Not Rated		Not Rated	
CcB2: Cecil	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.68 0.10	Somewhat limited Gravel content	0.26
CcD2: Cecil	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.68 0.37 0.10	Somewhat limited Slope Gravel content	0.37 0.26

**Table ENG-4. - Building Site Development - Continued**

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CcE2:							
Cecil	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.68	Gravel content	0.26
				Cutbanks cave	0.10		
CeB2:							
Cecil	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.68		
				Cutbanks cave	0.10		
CeD2:							
Cecil	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.68	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		
CeE2:							
Cecil	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.68		
				Cutbanks cave	0.10		
CfB2:							
Cecil	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.68		
				Cutbanks cave	0.10		
CfD2:							
Cecil	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.68	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		
CfE2:							
Cecil	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.68		
				Cutbanks cave	0.10		
CIB3:							
Cecil	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.68		
				Cutbanks cave	0.10		
CID3:							
Cecil	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.68	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		

**Table ENG-4. - Building Site Development - Continued**

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CIE3:							
Cecil	85	Very limited Slope Low strength	1.00 1.00	Very limited Slope Too clayey Cutbanks cave	1.00 0.68 0.10	Very limited Slope	1.00
CmB3:							
Cecil	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.68 0.10	Not limited	
CmD3:							
Cecil	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.68 0.37 0.10	Somewhat limited Slope	0.37
Cn:							
Chewacla	85	Very limited Flooding Low strength Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
Wehadkee	5	Not Rated		Not Rated		Not Rated	
CoB:							
Colfax	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Cutbanks cave Depth to thin cemented pan	1.00 1.00 0.29	Very limited Depth to saturated zone Depth to cemented pan	1.00 0.29
Worsham	5	Not Rated		Not Rated		Not Rated	
Cr:							
Congaree	85	Very limited Flooding Low strength	1.00 1.00	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.90 0.60 0.10	Somewhat limited Flooding	0.60
Chewacla	5	Not Rated		Not Rated		Not Rated	
CsB2:							
Creedmoor	85	Very limited Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.32 0.10	Somewhat limited Depth to saturated zone	0.75

## Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CsC2:							
Creedmoor	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Shrink-swell	1.00				
		Depth to saturated zone	0.75	Too clayey	0.32		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
CuB2:							
Cullen	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50	Too clayey	1.00		
CuD2:							
Cullen	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Slope	0.37
		Shrink-swell	0.50	Too clayey	1.00		
		Slope	0.37	Slope	0.37		
CuE2:							
Cullen	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50	Too clayey	1.00		
CvB3:							
Cullen	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50	Too clayey	1.00		
CvD3:							
Cullen	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Slope	0.37
		Shrink-swell	0.50	Too clayey	1.00		
		Slope	0.37	Slope	0.37		
EnB2:							
Enon	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Depth to hard bedrock	0.96		
				Too clayey	0.32		
EnC2:							
Enon	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Depth to hard bedrock	0.96		
				Too clayey	0.32		
EoC3:							

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EoC3: Enon	85	Very limited Low strength Shrink-swell	 1.00 1.00	Very limited Cutbanks cave Depth to hard bedrock Too clayey	 1.00 0.96 0.32	Not limited	
GeB2: Georgeville	85	Very limited Low strength	 1.00	Very limited Cutbanks cave Too clayey	 1.00 0.50	Not limited	
GeD2: Georgeville	85	Very limited Low strength Slope	 1.00 0.37	Very limited Cutbanks cave Too clayey Slope	 1.00 0.50 0.37	Somewhat limited Slope	 0.37
Worsham	3	Not Rated		Not Rated		Not Rated	
GeE2: Georgeville	85	Very limited Slope Low strength	 1.00 1.00	Very limited Slope Cutbanks cave Too clayey	 1.00 1.00 0.50	Very limited Slope	 1.00
GgB3: Georgeville	85	Very limited Low strength	 1.00	Very limited Cutbanks cave Too clayey	 1.00 0.50	Not limited	
GgD3: Georgeville	85	Very limited Low strength Slope	 1.00 0.37	Very limited Cutbanks cave Too clayey Slope	 1.00 0.50 0.37	Somewhat limited Slope	 0.37
Worsham	3	Not Rated		Not Rated		Not Rated	
GoC: Goldston	85	Somewhat limited Depth to hard bedrock	 0.95	Very limited Depth to hard bedrock Cutbanks cave	 1.00 0.10	Very limited Droughty Depth to bedrock Content of large stones	 1.00 0.95 0.01
GoD: Goldston	85	Somewhat limited Depth to hard bedrock Slope	 0.95 0.84	Very limited Depth to hard bedrock Slope Cutbanks cave	 1.00 0.84 0.10	Very limited Droughty Depth to bedrock Slope	 1.00 0.95 0.84

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GoF:							
Goldston	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.95	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Depth to bedrock	0.95
GrB2:							
Grover	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
GrD2:							
Grover	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10		
GuE:							
Gullied land	50	Not Rated		Not Rated		Not Rated	
Cecil							
	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.68		
				Cutbanks cave	0.10		
HeB:							
Helena	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Low strength	1.00	zone		zone	
		Depth to saturated	0.78	Too clayey	0.32	Gravel content	0.08
		zone		Cutbanks cave	0.10		
HeC2:							
Helena	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Low strength	1.00	zone		zone	
		Depth to saturated	0.78	Too clayey	0.32	Gravel content	0.08
		zone		Cutbanks cave	0.10		
HfB2:							
Helena	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Low strength	1.00	zone		zone	
		Depth to saturated	0.78	Too clayey	0.32		
		zone		Cutbanks cave	0.10		
HfC2:							
Helena	85	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Low strength	1.00	zone		zone	
		Depth to saturated	0.78	Too clayey	0.32		
		zone		Cutbanks cave	0.10		



# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HnB2:							
Herndon	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.32 0.10	Not limited	
HnD2:							
Herndon	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.32 0.10	Somewhat limited Slope	0.37
HrB3:							
Herndon	85	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.32 0.10	Not limited	
Worsham	3	Not Rated		Not Rated		Not Rated	
HrD3:							
Herndon	85	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.32 0.10	Somewhat limited Slope	0.37
IrB:							
Iredell	85	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too clayey Depth to hard bedrock	1.00 0.88 0.61	Very limited Depth to saturated zone	1.00
IrB2:							
Iredell	85	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too clayey Depth to hard bedrock	1.00 0.88 0.61	Very limited Depth to saturated zone	1.00
IrC2:							
Iredell	85	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too clayey Depth to hard bedrock	1.00 0.88 0.61	Very limited Depth to saturated zone	1.00
LoD:							
Louisa	85	Somewhat limited Depth to soft bedrock Slope	1.00 0.37	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 0.37 0.10	Very limited Depth to bedrock Droughty Slope	1.00 0.90 0.37

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LoF:							
Louisa	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	0.90
LsE3:							
Louisa	70	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	0.90
Louisburg	20	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.16	Slope	1.00	Depth to bedrock	0.16
				Cutbanks cave	0.10	Droughty	0.03
LuC:							
Louisburg	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.16	Depth to hard bedrock	1.00	Depth to bedrock	0.16
				Cutbanks cave	0.10	Droughty	0.03
LuD:							
Louisburg	85	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.84	Depth to hard bedrock	1.00	Slope	0.84
		Depth to hard bedrock	0.16	Slope	0.84	Depth to bedrock	0.16
				Cutbanks cave	0.10	Droughty	0.03
LuF:							
Louisburg	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.16	Slope	1.00	Depth to bedrock	0.16
				Cutbanks cave	0.10	Droughty	0.03
MaB2:							
Madison	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
MaD2:							
Madison	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
McB3:							
Madison	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		

**Table ENG-4. - Building Site Development - Continued**

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
McD3:							
Madison	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
MdE2:							
Madison	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
Grover	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
MeB2:							
Masada	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
MeD2:							
Masada	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		
MeE:							
Masada	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
MfB2:							
Mayodan	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Depth to hard bedrock	0.26		
		Shrink-swell	1.00	Cutbanks cave	0.10		
				Too clayey	0.02		
MfD2:							
Mayodan	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	1.00	Depth to hard bedrock	0.26		
		Slope	0.37	Cutbanks cave	0.10		
MkB2:							
Mecklenburg	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MkC2:							
Mecklenburg	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.04
		Shrink-swell	0.50	Depth to hard bedrock	0.26		
		Slope	0.04	Cutbanks cave	0.10		
MIB:							
Mecklenburg variant	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Depth to hard bedrock	0.06				
MIC:							
Mecklenburg variant	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Depth to hard bedrock	0.06				
MIE:							
Mecklenburg variant	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Cutbanks cave	0.10		
MIE3:							
Mecklenburg variant	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Cutbanks cave	0.10		
OrB:							
Orange	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
OrB2:							
Orange	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	

OrC2:

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
OrC2:							
Orange	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	1.00
		Depth to saturated	1.00	zone		zone	
				Too clayey	0.88		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
PaB2:							
Pacolet	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
				Depth to hard bedrock	0.01		
PaD2:							
Pacolet	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		
PaE2:							
Pacolet	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
PcC3:							
Pacolet	85	Not limited		Somewhat limited		Not limited	
				Too clayey	0.50		
				Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
PcD3:							
Pacolet	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.84	Slope	0.84	Slope	0.84
				Too clayey	0.50		
				Depth to hard bedrock	0.26		
PkC:							
Pinkston	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Low strength	0.22	Depth to soft bedrock	0.79	Depth to bedrock	0.80
				Cutbanks cave	0.10	Droughty	0.36
PkE:							
Pinkston	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	0.22	Depth to soft bedrock	0.79	Depth to bedrock	0.80
				Cutbanks cave	0.10	Droughty	0.36

Ro:

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ro:							
Roanoke	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.32		
SrB:							
Starr	85	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50				
		Flooding	0.40				
StB:							
State	85	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00	Cutbanks cave	0.10		
Wet spots	3	Not Rated		Not Rated		Not Rated	
To:							
Toccoa	85	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Depth to saturated zone	0.73	Flooding	0.60
				Flooding	0.60		
				Cutbanks cave	0.10		
TuB2:							
Turbeville	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
TuD2:							
Turbeville	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		
TuF2:							
Turbeville	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
TvB3:							
Turbeville	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
TvD3:							

## Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TvD3:							
Turbeville	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		
VaB2:							
Vance	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.32	Gravel content	0.08
		Shrink-swell	0.50	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
VaD2:							
Vance	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.32	Gravel content	0.08
		Slope	0.37	Depth to hard bedrock	0.26		
VcB2:							
Vance	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.32		
		Shrink-swell	0.50	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
VcC2:							
Vance	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.32		
		Shrink-swell	0.50	Depth to hard bedrock	0.26		
				Cutbanks cave	0.10		
VcD2:							
Vance	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.84	Slope	0.84
		Slope	0.84	Too clayey	0.32		
		Shrink-swell	0.50	Depth to hard bedrock	0.26		
WdB2:							
Wedowee	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Depth to hard bedrock	0.61		
				Too clayey	0.13		
				Cutbanks cave	0.10		
WdD2:							

# Table ENG-4. - Building Site Development - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WdD2:							
Wedowee	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	0.61	Slope	0.37
		Slope	0.37	Slope	0.37		
				Too clayey	0.13		
We:							
Wehadkee	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
Wh:							
Wehadkee	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
Roanoke	5	Not Rated		Not Rated		Not Rated	
Wet spots	3	Not Rated		Not Rated		Not Rated	
Wk:							
Wehadkee	45	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
Chewacla	40	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.80		
WIB:							
Wickham	85	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
WIC2:							
Wickham	85	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		
WmB:							
Wilkes	85	Very limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Low strength	1.00	Depth to soft bedrock	1.00	Droughty	0.93
		Depth to hard bedrock	0.90	Cutbanks cave	0.10		

WmD:



**Table ENG-4. - Building Site Development - Continued**

Charlotte County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WmD:							
Wilkes	85	Very limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Low strength	1.00	Depth to soft bedrock	1.00	Droughty	0.93
		Depth to hard bedrock	0.90	Slope	0.37	Slope	0.37
WmF:							
Wilkes	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Droughty	0.93
WnC3:							
Wilkes	85	Very limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Low strength	1.00	Depth to soft bedrock	1.00	Droughty	0.99
		Depth to hard bedrock	0.90	Cutbanks cave	0.10		
WnF3:							
Wilkes	85	Very limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Low strength	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Slope	1.00	Slope	1.00	Droughty	0.99
Wo:							
Worsham	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Wr:							
Worsham variant	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.13	Depth to cemented pan	0.79
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.01